

Title (en)  
Voltage generator circuit and method for controlling thereof

Title (de)  
Spannungsgeneratorschaltung und Steuerverfahren dafür

Title (fr)  
Circuit générateur de tension et son procédé de contrôle

Publication  
**EP 1884855 A2 20080206 (EN)**

Application  
**EP 07118061 A 20020225**

Priority  
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Abstract (en)  
A voltage generator circuit which is capable of preventing the generation of a through current in a transition to a power-down mode to reduce current consumption. The voltage generator circuit includes a voltage generator (11a) activated by a reference voltage to generate an output voltage. A reference voltage clamp circuit (Tr2; Tr5) is coupled to the voltage generator for clamping the reference voltage to a first voltage in response to a power-down signal to deactivate the voltage generator. An output voltage clamp circuit (Tr3; Tr6) is coupled to the voltage generator for clamping the output voltage to a second voltage. A control circuit (12a; 12b; 12c; 12d) is coupled to the output voltage clamp circuit for enabling the output voltage clamp circuit after the voltage generator is deactivated in response to the power-down signal.

IPC 8 full level  
**G05F 1/46** (2006.01); **G11C 5/14** (2006.01)

CPC (source: EP KR US)  
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US 5811861 A 19980922 - NUNOKAWA HIDEO [JP]

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